

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

- 1        1. (Currently amended) A system comprising:
  - 2            a plurality of devices, wherein devices within the plurality of devices
  - 3            communicate with incompatible protocols;
  - 4            a first device in the plurality of devices having a universal contextual
  - 5            interface which is particular to the first device, the universal contextual interface
  - 6            associated with at least one instruction for transferring contextual data associated
  - 7            with the first device; and
  - 8            a second device in the plurality of devices that invokes the universal
  - 9            contextual interface ~~of the~~ particular to the first device to execute the at least one
  - 10          instruction to transfer the contextual data associated with the first device between
  - 11          the first device and at least one of the other devices in the plurality of devices, the
  - 12          plurality of devices having no prior knowledge of each other.
  
- 1        2. (Previously Presented) The system as set forth in claim 1 wherein the at  
2        least one of the plurality of devices comprises the second device.
  
- 1        3. (Previously Presented) The system as set forth in claim 1 wherein the  
2        first device sends a context object to the second device to be used by the second  
3        device to transfer the contextual data.
  
- 1        4. (Previously Presented) The system as set forth in claim 1 wherein the

2 second device receives a context object from the first device to be used by the at  
3 least one of the plurality of devices for receiving contextual data transmitted from  
4 the first device.

1 5. (Previously Presented) The system as set forth in claim 1 wherein the at  
2 least one of the plurality of devices uses the contextual data as a criteria to  
3 authorize the first device or the second device to access instructions, data or  
4 operations associated with the at least one of the plurality of devices.

1 6. (Previously Presented) The system as set forth in claim 1 wherein the  
2 universal contextual interface or a context object have source-specific, object-  
3 oriented mobile code that can be understood and performed by the at least one of  
4 the plurality of devices to receive contextual data.

1 7. (Previously Presented) The system as set forth in claim 1 wherein the  
2 plurality of devices further comprise at least one software application or at least  
3 one file.

1 8. (Previously Presented) The system as set forth in claim 1 wherein the  
2 first device further comprises a historical database having at least one record of  
3 data provided by the second device during invocation of the universal contextual  
4 interface.

1 9. (Previously Presented) The system as set forth in claim 1 wherein the  
2 second  
3 device invokes a universal notification interface to register the at least one of the  
4 plurality of devices to receive an event notification each time the contextual data  
5 changes.

1           10. (Previously Presented) The system as set forth in claim 1 wherein the  
2 contextual data comprises executable computer language instructions, or a type,  
3 operating status, identity, location, administrative domain or environment  
4 information of at least one of the plurality of devices.

1           11. (Currently amended) A method for providing context information, the  
2 method comprising:

3           invoking a universal contextual interface associated with which is  
4 particular to a first device in a plurality of devices, the contextual interface  
5 associated with at least one instruction for transferring contextual data associated  
6 with the first device, wherein devices within the plurality of devices communicate  
7 with incompatible protocols; and

8           executing the at least one instruction to transfer the contextual data  
9 associated with the first device between the first device and a second device in the  
10 plurality of devices, the plurality of devices having no prior knowledge of each  
11 other.

1           12. (Previously Presented) The method as set forth in claim 11 wherein the  
2 second device or a third device in the plurality of devices perform the invoking  
3 and executing.

1           13. (Previously Presented) The method as set forth in claim 11 further  
2 comprising sending a context object to the at least one of the plurality of devices  
3 to be used for transferring the contextual data.

1           14. (Previously Presented) The method as set forth in claim 11 further  
2 comprising using the contextual data as a criteria to authorize the second device to  
3 access instructions, data or operations associated with the one of the plurality of

4 devices.

1        15. (Previously Presented) The method as set forth in claim 11 wherein the  
2 universal contextual interface or a context object have source-specific, object-  
3 oriented mobile code that can be interpreted and performed by the first device or  
4 the at least one of the plurality of devices to receive contextual data.

1        16. (Previously Presented) The method as set forth in claim 11 wherein the  
2 plurality of devices further comprise at least one software application or at least  
3 one file.

1        17. (Original) The method as set forth in claim 11 further comprising  
2 storing in a historical database at least one record of data provided during  
3 invocation of the universal contextual interface.

1        18. (Previously Presented) The method as set forth in claim 11 further  
2 comprising invoking a universal notification interface to register the at least one  
3 of the plurality of devices to receive an event notification each time the contextual  
4 data changes.

1        19. (Previously Presented) The method as set forth in claim 11 wherein the  
2 contextual data comprises executable computer programming language  
3 instructions or a type, operating status, identity, location, administrative domain or  
4 environment information of at least one of the devices or of at least one user of the  
5 plurality of devices.

1           20. (Currently amended) A computer readable medium having stored  
2 thereon instructions for providing context information, which when executed by at  
3 least one processor, causes the processor to perform:

4           invoking a universal contextual interface associated with which is  
5 particular to a first device in a plurality of devices, the contextual interface  
6 associated with at least one instruction for transferring contextual data associated  
7 with the first device, wherein devices within the plurality of devices communicate  
8 with incompatible protocols; and

9           executing the at least one instruction to transfer the contextual data  
10 associated with the first device between the first device in and a second device in  
11 the plurality of devices, the plurality of devices having no prior knowledge of each  
12 other.

1           21. (Previously Presented) The medium as set forth in claim 20 wherein  
2 the second device or a third device in the plurality of devices perform the  
3 invoking and executing.

1           22. (Previously Presented) The medium as set forth in claim 20 further  
2 comprising sending a context object to the at least one of the plurality of devices  
3 to be used for transferring the contextual data.

1           23. (Previously Presented) The medium as set forth in claim 20 further  
2 comprising using the contextual data as a criteria to authorize the second device to  
3 access instructions, data or operations associated with the one of the plurality of  
4 devices.

1           24. (Previously Presented) The medium as set forth in claim 20 wherein  
2 the universal contextual interface or a context object have source-specific, object-

3        oriented mobile code that can be interpreted and performed by the first device or  
4        the at least one of the plurality of devices to receive contextual data.

1            25. (Previously Presented) The medium as set forth in claim 20 wherein  
2        the plurality of devices further comprise at least one software application or at  
3        least one file.

1            26. (Original) The medium as set forth in claim 20 further comprising  
2        storing in a historical database at least one record of data provided during  
3        invocation of the universal contextual interface.

1            27. (Previously Presented) The medium as set forth in claim 20 further  
2        comprising invoking a universal notification interface to register the at least one  
3        of the plurality of devices to receive an event notification each time the contextual  
4        data changes.

1            28. (Previously Presented) The medium as set forth in claim 20 wherein  
2        the contextual data comprises executable computer programming language  
3        instructions or a type, operating status, identity, location, administrative domain or  
4        environment information of at least one of the devices or of at least one user of the  
5        plurality of devices.